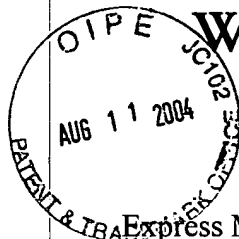


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PATENT
Docket No.: 15436.436.4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	Ralph H. Johnson)
)
Serial No.:	10/026,055) Art Unit
) 2828
Filed:	December 20, 2001)
)
Confirmation No.	8713)
)
For:	VERTICAL CAVITY SURFACE EMITTING LASER INCLUDING INDIUM ANTIMONY AND NITROGEN IN THE ACTIVE REGION	(
)
Examiner:	Dung T. Nguyen)

TRANSMITTAL FOR AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION DATED May 19, 2004

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment and Response to final Office
Action for entry in the above-identified application.

— Small entity status of this application under 37 C.F.R. § 1.9 and §
1.27 has been established by a verified statement previously
submitted.

— To secure the approval of the Examiner for proposed amendments
to the drawings, enclosed are the following:

- ____ Letter to the Official Draftsperson;
- ____ Set of _____ () sheets of drawings containing Figures _____ including the proposed amendments therein; and
- ____ A duplicate set of the _____ () sheets of drawings with the changes therein highlighted in red.
- X Terminal Disclaimers with the fee of \$220 is enclosed.
- ____ To render the transmitted Amendment "____" and Response timely filed enclosed are the following:
- ____ Petition for a _____-Month Extension of Time; and
- ____ Check No. _____ in the amount of \$_____ to cover the fee for the extension of time.
- X A Certificate of Express Mail Under 37 C.F.R. § 1.10.
- X No other fee is required.

The fee has been calculated as follows:

			SMALL ENTITY		LARGE ENTITY	
CLAIMS REMAINING AFTER	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'T'L FEE	RATE	ADD'T'L FEE
TOTAL	MINUS	=	X		X	
INDEPENDENT	MINUS	=	X		X	
1 st PRESENTATION OF MULTIPLE DEPENDENT CLAIM			+_____ =		+_____ =	
			TOTAL		TOTAL	

- ____ Check No. ____ in the amount of \$____ is enclosed to cover the additional claim fee.
- ____ Please charge my Deposit Account No. 23-3178 in the amount of _____.
- X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178.

X Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

X Any patent application processing fees under 37 CFR 1.17.

X A duplicate copy of this transmittal letter is attached.

Dated this 11th day of August 2004.

Respectfully submitted,



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OIPEX JC102
 AUG 11 2004
 PATENT & TRADEMARKS
 In reply to

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Ralph H. Johnson

) Art Unit


) 2828

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PATENT
Docket No.: 15436.436.4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Ralph H. Johnson

Serial No.: 10/026,055

Filed: December 20, 2001

Confirmation No. 8713

For: VERTICAL CAVITY SURFACE EMITTING
LASER INCLUDING INDIUM ANTIMONY
AND NITROGEN IN THE ACTIVE REGION

Examiner: Dung T. Nguyen

AMENDMENT TO FINAL OFFICE ACTION DATED MAY 19, 2004

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office action of May 19, 2004, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.